

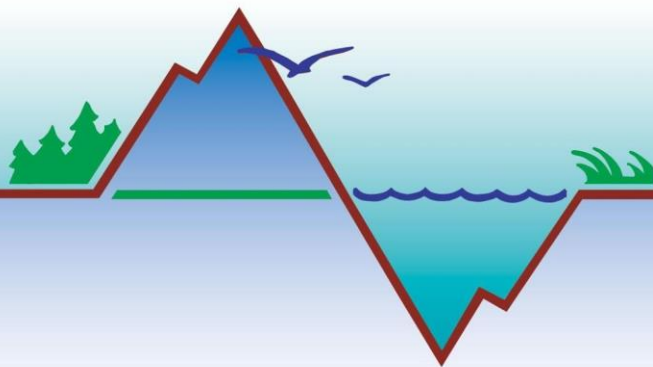
Kachemak Bay Research Reserve Phytoplankton Update

July 30th – August 5th, 2021

Harmful Algal Bloom Program

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Hello Everyone,

Happy August everyone! This week outer Kachemak Bay sites have an abundance of phytoplankton present with bloom levels in Seldovia and Eldred passage. In inner Kachemak Bay Halibut Cove had sparse phytoplankton after experiencing bloom levels of *Chaetoceros* sp. last week.

As always, please reach out with any questions.

Thank you to all our monitors for collecting phytoplankton samples!

Jasmine and Rosie

**Due to weather delays, shipping distances and times, the processing of some samples may happen after the weekly update is shared. The results from these samples will be included in subsequent updates, which is why not all sample dates in the tables below fall within the date range of the current Weekly Update.

Kachemak Bay Research Reserve Phytoplankton Update Qualitative Analysis Phytoplankton Data

INNER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
8/3/2021	Halibut Cove	14	27	Sparse Sample	None	None	None
8/4/2021	Homer Harbor	13.6	27.2	Mixed Diatoms	None	Present	None

OUTER BAY

DATE	Bay	Water Temp	Salinity	Dominant species	Dinophysis	Pseudo-nitzschia	Alexandrium
7/30/2021	Seldovia Harbor	10	34	<i>Dactyliosolen</i> sp. bloom	None	None	None
8/4/2021	Eldred Passage	-	-	<i>Leptocylindrus</i> bloom	None	None	None
8/4/2021	Sadie Cove	10.9	30.3	<i>Chaetoceros</i> sp.	None	Present	None
8/5/2021	Seldovia	11	34	<i>Leptocylindrus</i> and <i>Dactyliosolen</i>	None	None	Present



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